

Storm Data and Unusual Weather Phenomena - June 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 5.7 SSE NORTH CAPE [41.69, -83.47]				
	06/18/12 15:00 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	06/18/12 15:00 EST	0		Source: C-MAN Station
A thunderstorm moving through Western Lake Erie produced a wind gust to 53 mph.				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 5.0 S LUNA PIER [41.76, -83.45]				
	06/21/12 18:36 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/21/12 18:36 EST	0		Source: C-MAN Station
A thunderstorm produced a wind gust of 43 mph over Western Lake Erie.				
LAKE HURON				
PORT AUSTIN TO HARBOR BEACH MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 0.7 N PORT HOPE [43.94, -82.72]				
	06/21/12 13:16 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	06/21/12 13:16 EST	0		Source: Trained Spotter
A spotter estimated a 40 mph thunderstorm wind gust.				
A thunderstorm near Port Hope produced an estimated 40 mph wind gust.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.7 SW NEW BALTIMORE [42.60, -82.84]				
	06/02/12 18:15 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	06/02/12 18:15 EST	0		Source: ASOS
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 0.2 ENE ST CLAIR SHORES [42.47, -82.88]				
	06/02/12 18:24 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	06/02/12 18:24 EST	0		Source: Buoy
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	06/02/12 18:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	06/02/12 18:30 EST	0		Source: C-MAN Station
A strong thunderstorm moved through Lake St. Clair.				
DETROIT RIVER COUNTY --- 3.3 NE DETROIT RIVER LIGHT [42.13, -83.15]				
	06/18/12 12:15 EST	0		Marine Thunderstorm Wind (EG 54 kt)
	06/18/12 12:15 EST	0		Source: Newspaper
A thunderstorm which damaged the Grosse Ile Bridge moved through the Detroit River.				
A severe thunderstorm crossed the Detroit River.				
ST CLAIR RIVER COUNTY --- PORT HURON [42.98, -82.42]				
	06/21/12 15:30 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	06/21/12 15:30 EST	0		Source: Trained Spotter
A thunderstorm which brought down large tree limbs moved into the St. Clair River.				

Storm Data and Unusual Weather Phenomena - June 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	06/21/12 16:30 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	06/21/12 16:30 EST		0	Source: C-MAN Station
A severe thunderstorm moved through Lake St Clair and the St. Clair river.				
MICHIGAN, East				
SHIAWASSEE COUNTY --- 0.5 E LAINGSBURG [42.90, -84.34]				
	06/18/12 09:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/18/12 09:40 EST		0	Source: Law Enforcement
A small tree was reported down.				
LENAWEE COUNTY --- 2.9 ESE CEMENT CITY [42.05, -84.28]				
	06/18/12 11:38 EST		5K	Thunderstorm Wind (EG 54 kt)
	06/18/12 11:38 EST		0	Source: Law Enforcement
Trees and powerlines reported down.				
WAYNE COUNTY --- 0.5 E ROMULUS [42.22, -83.37]				
	06/18/12 11:56 EST		0	Thunderstorm Wind (MG 51 kt)
	06/18/12 11:56 EST		0	Source: ASOS
LENAWEE COUNTY --- 1.2 NE ADRIAN LENAWEЕ ARPT [41.88, -84.05]				
	06/18/12 12:13 EST		5K	Thunderstorm Wind (EG 54 kt)
	06/18/12 12:13 EST		0	Source: Law Enforcement
Trees and powerlines reported down.				
WAYNE COUNTY --- 1.2 NW TRENTON [42.14, -83.22]				
	06/18/12 12:14 EST		0	Thunderstorm Wind (EG 52 kt)
	06/18/12 12:14 EST		0	Source: Newspaper
A tree was reported blown down.				
WAYNE COUNTY --- 1.0 E SIBLEY [42.13, -83.15]				
	06/18/12 12:15 EST		0	Thunderstorm Wind (EG 54 kt)
	06/18/12 12:15 EST		0	Source: Broadcast Media
The Grosse Ile Bridge was closed due to wind damage.				
WAYNE COUNTY --- 0.9 SW RIVERVIEW [42.17, -83.19]				
	06/18/12 12:19 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/18/12 12:19 EST		0	Source: Trained Spotter
Powerlines reported down.				
A few severe thunderstorms developed south of M-59.				
MACOMB COUNTY --- 0.5 W WASHINGTON [42.72, -83.04]				
	06/21/12 13:39 EST		0	Hail (0.75 in)
	06/21/12 13:39 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 3.4 WSW HUDSON MILLS [42.36, -83.98]				
	06/21/12 15:24 EST		15K	Thunderstorm Wind (EG 56 kt)
	06/21/12 15:24 EST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - June 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two dozen trees were uprooted or broken in half. A light pole was damaged, along with a silo and shed destroyed.				
ST. CLAIR COUNTY --- 0.9 NW PORT HURON [42.99, -82.43]				
	06/21/12 15:30 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	06/21/12 15:30 EST		0	Source: Trained Spotter
Large tree branches where reported blown down, one of which landed on a the rear of a car.				
WASHTENAW COUNTY --- 0.7 N HUDSON MILLS [42.39, -83.92]				
	06/21/12 15:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/12 15:30 EST		0	Source: Trained Spotter
A tree was reported down on Dexter-Pinckney Road.				
MACOMB COUNTY --- 1.7 ESE ARMADA [42.84, -82.84]				
	06/21/12 16:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/21/12 16:10 EST		0	Source: Trained Spotter
A 8 inch diameter tree limb was reported down.				
ST. CLAIR COUNTY --- 0.9 NW ADAIR [42.81, -82.63]				
	06/21/12 16:28 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/12 16:28 EST		0	Source: Law Enforcement
A large tree was reported down, blocking a road.				
WAYNE COUNTY --- 0.9 SW ECORSE [42.24, -83.18]				
	06/21/12 16:32 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/12 16:32 EST		0	Source: Trained Spotter
A large tree was reported blown down.				
A cold front moving through southeast Michigan triggered isolated marginally severe storms. The exception was near Chelsea in Washtenaw county, where thunderstorm wind damage was a bit more focused.				
(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWEE, (MI-Z083) MONROE				
	06/28/12 13:00 EST		0	Heat
	06/28/12 23:00 EST	40	0	
High temperatures climbed to around 100 degrees across much of southeast Michigan during the afternoon hours of June 28th, with heat indices climbing between 100 and 110 degrees. This lead to an increase in heat related hospitalizations. Temperatures slowing came down during the evening hours, with drier air slowly filtering in. Although Friday June 29th ended up being hot with high temperatures in the low to mid 90s, the dry air helped to keep heat indices short of 100 degrees.				